3.(b) APPLICABLE LIMITS & COMPLIANCE MONITORING REQUIREMENTS

This section has been included to summarize the applicable emission limits contained in Section IV, Source-Specific Applicable Requirements, of this permit. The following tables show the relationship between each emission limit and the associated compliance monitoring provisions, if any. The monitoring frequency column indicates whether periodic (P) or continuous (C) monitoring is required. For periodic monitoring, the frequency of the monitoring has also been shown using the following codes: annual (A), quarterly (Q), monthly (M), weekly (W), daily (D), or on an event basis (E). No monitoring (N) has been required if the current applicable rule or regulation does not require monitoring, and the operation is unlikely to deviate from the applicable emission limit based upon the nature of the operation.

Table VII – A

Applicable Limits and Compliance Monitoring Requirements
S1 – SLUDGE GAS BURNER (FLARE)

Type of Limit	Citation of	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2012-2013 Compliance status
Opacity	BAAQMD	Y		Ringelmann 1.0 for <	BAAQMD	P/E	Visible	CC
	6-1-301			3 minutes in any hour	6-1-401		Emissions	
							Check	
FP	BAAQMD	Y		0.15 gr/dscf	BAAQMD	P/E	Visible	CC
	6-1-310				6-1-401		Emissions	
							Check	
SO2	BAAQMD	Y		GLC ¹ ≤0.5 ppm for 3	None	N	NA	NA
	9-1-301			min or ≤ 0.25 ppm for				
]		1	60 min or <u><</u> 0.05 ppm				u.
				for 24 hours				
SO2	BAAQMD	Y		SO2 shall not exceed	Condition #	P/W	monitoring of	NA
	9-1-302			300 ppm (dry)	18329, Parts 6	,	digester gas	
	ļ		ļ	,	and 7		hydrogen	li .
	. <u>.</u>						sulfide	
H2S	Condition	Y		2,250 ppm	Condition #	P/W	Monitoring of	NC
	# 18329				18329, Parts 6		digester gas	
	Part 6				and 7		hydrogen	
							sulfide	

Table VII – A

Applicable Limits and Compliance Monitoring Requirements

S1 – SLUDGE GAS BURNER (FLARE)

Type of	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2012-2013 Compliane status
H ₂ S	BAAQMD	N		Property Line Ground	BAAQMD	С	Area	
	9-2-301			Level Limits:	9-2-501		Monitoring	
1				≤ 0.06 ppm,	9-2-602			
]	averaged over 3		1		
1				minutes and ≤ 0.03				
				ppm,				
				averaged over 60				1
				minutes				
POC	BAAQMD	Y		15 lb/day and greater	None	N	None	
	8-2-301			than				
				300 ppm total carbon				
Hours of	Condition	Y		At all times abating	BAAQMD	P/E	Records	Y
Operation	# 18329			S170	Condition #			
	Part 4				18329			
					Part 5			

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – C S8 – REVERSE AIRFLOW AUTO-TRACK SPRAY BOOTH S9 – CUSTOM AIR AUTO SPRAY BOOTH

Type of	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2012-2013 Compliance Status
Opacity	BAAQMD 6-1-301 SIP 6-301	Y		Ringelmann 1.0 for < 3 minutes in any hour	BAAQMD 6-1-401	P/E	Visible Emissions Check	Y
FP	BAAQMD 6-1-310 SIP 6-310	Y		0:15 gr/dscf	BAAQMD 6-1-401	P/E	Visible Emissions Check	Y
VOC	BAAQMD 8-19-302	Y		Air-Dried Coatings VOC ≤ 340 g/l (2.8 lb/gal)	BAAQMD 8-19-501	P/E	Records	СС
VOC	BAAQMD 8-19-312.2	Y		Specialty Coating High Gloss VOC ≤ 420 g/l (3.5 lb/gal);	BAAQMD 8-19-501	P/E	Records	CC
VOC	BAAQMD 8-19-312.3	Y		Specialty Coating Heat Resistant VOC ≤ 420 g/l (3.5 lb/gal);	BAAQMD 8-19-501	P/E	Records	CC
VOC .	BAAQMD 8-19-312.4	Y		Specialty Coating High Performance Architectural VOC ≤ 420 g/l (3.5 lb/gal);	BAAQMD 8-19-501	P/E	Records	СС
VOC	BAAQMD 8-19-312.5	Y		Specialty Coating Metallic Topcoat VOC ≤ 420 g/l (3.5 lb/gal);	BAAQMD 8-19-501	P/E	Records	CC
VOC	BAAQMD 8-19-312.7	Y		Specialty Coating Pretreatment Wash Primer VOC ≤ 420 g/l (3.5 lb/gal);	BAAQMD 8-19-501	P/E	Records	CC

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VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – C S8 – REVERSE AIRFLOW AUTO-TRACK SPRAY BOOTH S9 – CUSTOM AIR AUTO SPRAY BOOTH

Type of	Citation of	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2012-2013 Compliance Status
VOC	BAAQMD 8-19-312.8	Y		Specialty Coating Silicone Release VOC ≤ 420 g/l (3.5 lb/gal);	BAAQMD 8-19-501	P/E	Records	CC
VOC	BAAQMD 8-19-312.9	Y		Specialty Coating Solar Absorbant VOC ≤ 420 g/l (3.5 lb/gal);	BAAQMD 8-19-501	P/E	Records	CC
VOC	BAAQMD 8-19-312.12	Y		Specialty Coating Extreme Performance VOC ≤ 420 g/l (3.5 lb/gal);	BAAQMD 8-19-501	P/E	Records	CC
VOC	BAAQMD 8-19-312.13	Y		Specialty Coating High Temperature VOC ≤ 420 g/l (3.5 lb/gal);	BAAQMD 8-19-501	P/E	Records	CC

Table VII – C1 S8 – REVERSE AIRFLOW AUTO-TRACK SPRAY BOOTH

Type of	Citation of	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring Type	2012-2013 Compliance
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)		status
Through-	Condition #	Y		Coating Usage ≤ 250	Condition #	P/A	Records	CC
put	7502, Part 1]	gals/yr	7502, Part 3]
Through-	Condition #	Y		Net Clean-up Solvent	Condition #	P/A	Records	CC
put	7502, Part 2			Usage ≤ 125 gals/yr	7502, Part 3			

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VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – C2
S9 – Custom Air Auto Spray Booth

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2012-2013 Compliance status
Through-	Condition #	Y		Coating Usage ≤ 250	Condition #	P/A	Records	CC
put	7502, Part 4			gals/yr	7502, Part 6			
Through-	Condition #	Y		Net Clean-up Solvent	Condition #	P/A	Records	CC
put	7502, Part 5			Usage ≤ 125 gals/yr	7502, Part 6			

Table VII - D

Applicable Limits and Compliance Monitoring Requirements

S14 - HIGH TEMPERATURE HOT WATER GENERATOR

S15 - HIGH TEMPERATURE HOT WATER GENERATOR

S16 - HIGH TEMPERATURE HOT WATER GENERATOR

S17 - HIGH TEMPERATURE HOT WATER GENERATOR

Type of	Citation of	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring	2012-2013 Compliance
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	status
NOx	SIP	Y		30 ppmv @ 3%O2,	None	N	None	NA
	9-7-301.1			dry, 3-hr average				
NOx (S14	Condition	Y		9 ppmv @ 3%O2, dry,	None	N	None	NA
and S15)	# 24716,			3-hr average				
	Part 1			<u>'</u>				
NOx (S14	Condition	Y		100 ppmv @ 3%O2,	None	N	None	NA
and S15)	# 24716,			dry, 3-hr average (fuel				
	Part 2			oil fired)				
NOx (S16	Condition	Y		9 ppmv @ 3%O2, dry,	Condition #	P/2 years	Source Test	CC
and S17)	# 25080,			3-hr average	25080, Part 7			
	Part 4						_	L
NOx	BAAQMD	N		9 ppmv @ 3%O2, dry,	BAAQMD	P/A	Source Test	CC
	9-7-307.5			3-hr average	9-7-403			
					9-7-506			
NOx (S14	BAAQMD	Y		150 ppmv @ 3%O2,	None	N	None	NA
and S15)	9-7-113.2			dry, 3-hr average				
	SIP				11			
	9-7-305.1							

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VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – D

- S14 HIGH TEMPERATURE HOT WATER GENERATOR
- S15 HIGH TEMPERATURE HOT WATER GENERATOR
- S16 HIGH TEMPERATURE HOT WATER GENERATOR
- S17 HIGH TEMPERATURE HOT WATER GENERATOR

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2012-2013 Compliance status
NOx (S14	BAAQMD 9-7-113.2	Y		150 ppmv @ 3%O2,	None	N	None	· NA
and S15)	9-7-113.2 SIP			dry, 3-hr average		ı		
	9-7-306.1			***************************************			,	
со	ŞIP 9-7-301.2	Y		400 ppmv @ 3%O2,	None	N	None	NA
. CO	BAAQMD	N		dry, 3-hr average 400 ppmv @ 3%O2,	, BAAQMD	P/A	Source Test*	CC
	9-7-307.5	14		dry, 3-hr average	9-7-403	174	Completed on	CC
	7 7 307.5				9-7-506		April 19, 2013	
co ·	SIP	Y		400 ppmv @ 3%O2,	None	N	None	NA .
	9-7-305.2			dry, 3-hr average				
CO	SIP	Y		400 ppmv @ 3%O2,	None	Ń	None.	NA
	9-7-306.2			dry, 3-hr average	***************************************			
CO (S14	Condition	Y		50 ppmv @ 3%O2,	None	N	None	NA
and S15)	# 24716,			dry, 3-hr average				
	Part 1							
CO (S14	Condition	Y		50 ppmv @ 3%O2,	None	N	None	NA
and S15)	# 24716,			dry, 3-hr average (fuel				
	Part 2			oil fired)				
CO (S16	Condition	Y		50 ppmv @ 3%O2,	Condition #	P/2 years	Source Test	NA
and S17)	# 25080,			dry, 3-hr average	25080, Part 7			
	Part 5	ļ 						-
Opacity	BAAQMD	Y		Ringelmann 1.0 for <	Condition #	P/1000	Visible	. NA
(S14 and	6-1-301			3 minutes in any hour	24716, Part 7	gallons of	Emissions	
S15)	SIP 6-301					Fuel Oil	Check	
FP (S14	BAAQMD	Y		0.15 gr/dscf at 6% O2	Condition #	P/1000	'Visible	NA
and S15)	6-1-310.3				24716, Part 7	gallons of	Emissions	•
	SIP					Fuel Oil	Check	
	6-310.3	<u> </u>						
	L	<u> </u>	<u> </u>	<u></u>			<u> </u>	

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VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - D

Applicable Limits and Compliance Monitoring Requirements

S14 - HIGH TEMPERATURE HOT WATER GENERATOR

S15 - HIGH TEMPERATURE HOT WATER GENERATOR

S16 – HIGH TEMPERATURE HOT WATER GENERATOR

S17 - HIGH TEMPERATURE HOT WATER GENERATOR

Те	6.3.41	EE	Future		Monitoring	Monitoring		2012-2013
Type of Limit	Citation of Limit	FE Y/N	Effective Date	Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Compliance status
SO2	BAAQMD	Y	Date	$GLC^1 \leq 0.5$ ppm for 3	None	N N	None	NA NA
502	9-1-301	•		min or ≤0.25 ppm for	None	14	None	136
	J 1 501			60 min or ≤0.05 ppm				
				for 24 hours	:			
SO2	BAAQMD	Y		SO2 shall not exceed	None	N	None	NA
	9-1-302			300 ppm (dry)			2.2.2	
SO2	BAAQMD	Y		Sulfur Content of Fuel	Condition #	P/E	Fuel Oil	Y
	9-1-304			Oil ≤ 0.5 wt%	24716, Part 6		Certification	
Heat	Condition	Y	- 1	Natural Gas not to	Condition #	P/M	Records	CC
Input	# 24716,			exceed 4,500,000	24716, Part 4		·	
(S14 and	Part 3			therm\$/Consecutive				
S15)				12-months				
Heat	Condition	Y		Natural Gas not to	Condition #	P/M	Records	CC
Input	# 25080,			exceed 1,217,260	25080, Part 3			
(S16)	Part 2			therms/Consecutive				
				12-months				
Heat	Condition	Y		Natural Gas not to	Condition #	P/M	Records	СС
Input	# 25080,			exceed 1,208,390	25080, Part 3			
(S17)	Part 2	,		therms/Consecutive				
				12-months				
Total	Condition	Y		Natural Gas not to	Condition #	P/M	Records	CC
Heat	# 25080,			exceed 1,560	25080, Part 3			
Input	Part 2			therms/hour				
(S14			'					
through				1				
S17)						·		

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VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - D

Applicable Limits and Compliance Monitoring Requirements

S14 - HIGH TEMPERATURE HOT WATER GENERATOR

S15 - HIGH TEMPERATURE HOT WATER GENERATOR

S16 – HIGH TEMPERATURE HOT WATER GENERATOR

S17 - HIGH TEMPERATURE HOT WATER GENERATOR

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2012-2013 Complianc status
Equip-	BAAQMD	Y		Hours of Equipment	BAAQMD	P/E	Records	CC
ment	9-7-113.1			Testing ≤ 48/yr	9-7-503.3			
Testing	SIP				&			
	9-7-306.3				Condition #			
					18329			
					Part 6			

Table VII - F

S100 - Water Quality Control Plant; S110 - Preliminary Treatment; S120 - Primary Treatment; S130 - Secondary Treatment; S140 - Secondary Clarifiers; S150 - Disinfection; S160 - Sludge Handling Processes; S180 -- Reclamation; S200 - Industrial Wastewater Plant; S210 - Primary Treatment; S220 - Flow Equalization; S230 - Secondary Treatment; S240 - Secondary Clarifiers; S250 -- Disinfection; S260 - Sludge Handling Processes

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2012-2013 Compliance Status
Opacity	BAAQMD 6-1-301 SIP 6-301	Y .		Ringelmann 1.0 for < 3 minutes in any hour	BAAQMD 6-1-401	P/E	Visible Emissions Check	Y
FP	BAAQMD 6-1-310 SIP 6-310	Y	<u>.</u>	0.15 gr/dscf	BAAQMD 6-1-401	P/E	Visible Emissions Check	Y

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VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - F

S100 - Water Quality Control Plant; S110 - Preliminary Treatment; S120 - Primary Treatment; S130 - Secondary Treatment; S140 - Secondary Clarifiers; S150 - Disinfection; S160 - Sludge Handling Processes; S180 - Reclamation; S200 - Industrial Wastewater Plant; S210 - Primary Treatment; S220 - Flow Equalization; S230 - Secondary Treatment; S240 - Secondary Clarifiers; S250 - Disinfection; S260 - Sludge Handling Processes

Type of	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2012-2013 Compliance Status
VOC	BAAQMD 8-2-301	Y		Emissions may not exceed 300 ppm total carbon, dry, and 15 lb/day/source	None	N	None	NA
Through- put	BAAQMD Condition # · 18329 Part 1	Y		Industrial Wastewater Discharge < 1.7 E6 gal/day during November through May; < 1.2 E6 gal/day during June through October	BAAQMD Condition # 18329 Part 3	P/D & P/M	Records	СС
Through- put	BAAQMD Condition # 18329 Part 2	Y		Sanitary Sewer Discharge < 2.2 E6 gal/day	BAAQMD Condition # 18329 Part 3	P/D & P/M	Records	СС

Table VII - G
|S170 - ANAEROBIC DIGESTERS

Type of	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2012-2013 Compliance status
Opacity	BAAQMD	Y	Dute	Ringelmann 1.0 for <	BAAQMD	P/E	Visible	CC
	6-1-301			3 minutes in any hour	6-1-401		Emissions	
	SIP				,		Check	
	6-301							

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Table VII - G S170 - ANAEROBIC DIGESTERS

Type of	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2012-2013 Compliance status
· FP	BAAQMD 6-1-310 SIP 6-310	Y	•	0.15 gr/dscf	BAAQMD 6-1-401	P/E	Visible Emissions Check	Y _.
VOC	BAAQMD 8-2-301	Y		Emissions may not exceed 300 ppm total carbon, dry, and 15 lb/day/source	None	N	None .	NA
Odors	BAAQMD 1-301	N		None	BAAQMD Condition # 18329 Part 5	P/E	Records	CC
H₂S	BAAQMD Regulation 9-2-301	N		0.06 ppm H2S over 3 min or 0.03 ppm H2S over 60 min	None	N	None	NA
Digester Gas Sulfur Content	BAAQMD Condition 18329 Part 6	Y		2,250 ppm	BAAQMD Condition 18329 Part 7	P/W	Weekly digester gas testing	NC

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Table VII - H S270 - 1850 HP Diesel Field Lighting Generator #1

Type of	Citation of	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring Type	2012-2013 Compliance
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Type	status
Opacity	BAAQMD	Y		Ringelmann 2.0 for <	Condition #	P/1000 gal	Visible	CC
1 2	6-1-303			3 minutes in any hour	18324, Part 1	fuel oil	Emissions	
	SIP 6-303				,		Check	
FP	BAAQMD	Y		0.15 gr/dscf	Condition #	P/1000 gal	Visible	СС
	6-1-310			-	18324, Part 1	fuel oil	Emissions	
	SIP 6-310			·			Check	
Diesel	CCR, Title	N		> 0.40 g/bhp-hr for 20	None	N	None	NA
Particulate	17, Section			hour/year operating				
Matter	93115.6(b)			limit				
	(3)(A)(1)(a)							
SO2	BAAQMD	Y		GLC ¹ of 0.5 ppm for 3	Condition #	P/E	Fuel Oil	Y
	9-1-301		Į	min or 0.25 ppm for	18324, Part 4		Certification	
				60 min or 0.05 ppm				
				for 24 hours				
SO2	BAAQMD	Y		SO2 shall not exceed	Condition #	P/E	Fuel Oil	Y
	9-1-302			300 ppm (dry)	18324, Part 4		Certification	
SO2	BAAQMD	Y		Sulfur Content of Fuel	Condition #	P/E	Fuel Oil	Y
	9-1-304			Oil ≤ 0.5 wt%	18324, Part 4		Certification	
Emer-	BAAQMD	N	l 1	Unlimited Emergency	BAAMQD	P/M	Records	CC
gency	9-8-331.1			Operation	9-8-530			
	&				&			
	Condition #		ļ	·	Condition #			
	18324				18324			
	Part 2b				Part 3b			
Reli-	BAAQMD	N		Hours of Reliability	BAAMQD	P/M	Records	CC
ability	9-8-331.3 &)	Related Activities <	9-8-530			
Related	Condition #			100/yr	&			
Activities	18324				Condition #			
	Part 2a				18324			
					Part 3b			

Table VII - H S270 - 1850 HP DIESEL FIELD LIGHTING GENERATOR #1

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2012-2013 Compliance status
Reli-	CCR, Title	N		Hours of Reliability	BAAMQD	P/M	Records	CC
ability	17, Section		<u> </u>	Related Activities <	9-8-530	1		
Related	93115.6(b)			20/yr	&			
Activities	(3)(A)(1)(a)				Condition #			
	&				22820 Part 4			
	Condition							
	22820							
	Part 1						<u></u>	

Table VII - I S-29, S-290, S-320 THROUGH S-340 AND S-360 THROUGH S-550 EMERGENCY GENERATORS

Type of	Citation of	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type	2012-2013 Compliance
			Date			(P/C/N)		status
Opacity	BAAQMD	Y		Ringelmann 2.0 for <	Condition #	P/1000 gal	Visible	CC
	6-1-303			3 minutes in any hour	18666, Part 1	fuel oil	Emissions	
	SIP 6-303				********		Check	
FP	BAAQMD	Y		0.15 gr/dscf	Condition #	P/1000 gal	Visible	CC
	6-1-310				18666, Part 1	fuel oil	Emissions	
	SIP 6-310						Check	
Diesel	CCR, Title	N		> 0.40 g/bhp-hr for 20	None	N	None	NA
Particulate	17, Section			hour/year operating				
Matter	93115.6(b)			limit				
	(3)(A)(1)(a)							
SO2	BAAQMD	Y		GLC ¹ of 0.5 ppm for 3	Condition #	P/E	Fuel Oil	Y
	9-1-301			min or 0.25 ppm for	18666, Part 4		Certification	
				60 min or 0.05 ppm				
				for 24 hours				
SO2	BAAQMD	Y		SO2 shall not exceed	Condition #	P/E	Fuel Oil	Y
	9-1-302			300 ppm (dry)	18666, Part 4		Certification	

Table VII - I S-29, S-290, S-320 through S-340 and S-360 through S-550 Emergency Generators

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2012-2013 Compliance status
SO2	BAAQMD	Y		Sulfur Content of Fuel	Condition #	P/E	Fuel Oil	Y
	9-1-304			Oil ≤ 0.5 wt%	18666, Part 4		Certification	
Emer-	BAAQMD	N		Unlimited Emergency	BAAMQD	P/M	Records	CC
gency	9-8-330.1			Operation	9-8-530			
	&				&			
	Condition #				Condition #			
	18666				18666			
	Part 2b				Part 3b			
Reli-	CCR, Title	N		Hours of Reliability	BAAMQD	P/M	Records	CC
ability	17, Section			Related Activities<	9-8-530			,
Related	93115.6(b)			20/yr	&			
Activities	(3)(A)(1)(a)				Condition #			
	&				22820 Part 4			
	Condition							
	22820							
	Part 1							
Reli-	BAAQMD	N		Hours of Reliability	BAAMQD	P/M	Records	CC
ability	9-8-330.3 &			Related Activities <	9-8-530			
Related	Condition #			50/yr	&			
Activities	18666				Condition #			
	Part 2a				18666			
					Part 3b		ļ	

Table VII - J S640 THROUGH S720 EMERGENCY GENERATORS

Type of	Citation of	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring Type	2012-2013 Compliance
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)		status
NMHC+	CCR, Title	N		4.8 g/bhp-hr	CCR, Title 17,	P/E	Initial Report	CC
NOx	17, Section			, -	Section		of Engine	
S680,	93115.6(a)				93115.10(a)(3)		Emission	
S690,	(3)(B)						Factors	
S700 and								
S710								
NMHC+	40 CFR	Y		4.8 g/bhp-hr	40 CFR	С	Operate and	CC
NOx	60.4205(b)				60.4211(a)		maintain per	
S680,		ļ					mfg	
S690,							instructions	
S700 and								
S710								
СО	CCR, Title	N		2.6 g/bhp-hr	CCR, Title 17,	P/E	Initial Report	CC
S680,	17, Section	:			Section		of Engine	
S690,	93115.6(a)				93115.10(a)(3)		Emission	
S700 and	(3)(B)						Factors	
S710								
со	40 CFR	Y		2.6 g/bhp-hr	40 CFR	С	Operate and	CC
S680,	60.4205(b)				60.4211(a)		maintain per	
S690,							mfg	
S700 and S710							instructions	
Opacity	BAAQMD	Y	<u></u>	Ringelmann 2.0 for <	BAAQMD	P/E	Visible	CC
Opacity	6-1-303	1		3 minutes in any hour	6-1-401	172	Emissions	
	SIP 6-303			J minutes in any nour	0-1-401		Check	
PM	CCR, Title	N		0.15 g/bhp-hr	CCR, Title 17,	P/E	Initial Report	CC
S680,	17, Section	11		0.15 g/oup-iii	Section	175	of Engine	
S690,	93115.6(a)				93115.10(a)(3)		Emission	
S700	(3)(B)		1		30713.10(4)(3)		Factors	
and	(5)(2)						1 401015	
S710		<u> </u>	<u> </u>					00
PM	40 CFR	Y		0.15 g/bhp-hr	40 CFR	С	Operate and	CC
S680, S690,	60.4205(b)				60.4211(a)		maintain per	
S700 and							mfg	
S710							instructions	

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Table VII - J **S640 THROUGH S720 EMERGENCY GENERATORS**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2012-2013 Compliance status
FP	BAAQMD 6-1-310 SIP 6-310	Y		0,15 gr/dscf	None	N	None	NA
Diesel Particulate Matter	CCR, Title	N		> 0.40 g/bhp-hr for 20 hour/year operating limit	None	N	None	NA
Diesel Particulate Matter	CCR, Title 17, Section 93115.6(b) (3)(A)(1)(b)	N		< 0.40 g/bhp-hr for 30 hour/year operating limit	None	N	None	NA
Diesel Particulate Matter	CCR, Title 17, Section 93115.6(b) (3)(A)(2)(b)	N		< 0.15 g/bhp-hr for 20 hour/year operating limit	None	N	None	NA
SO2	BAAQMD 9-1-301	Y		GLC ¹ of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours	None	N	None	NA
SO2 S640	BAAQMD 9-1-301	Y		GLC ¹ of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours	Condition # 22356, Part 1	P/E	Fuel Oil Certification	Y
SO2 S650	BAAQMD 9-1-301	Y		GLC ¹ of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours	Condition # 22357, Part 1	P/E	Fuel Oil Certification	Y
SO2 S660	BAAQMD 9-1-301	Y		GLC ¹ of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours	Condition # 22336, Part 1	P/E	Fuel Oil Certification	Y

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Table VII - J
S640 THROUGH S720 EMERGENCY GENERATORS

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2012-2013 Compliance status
SO2	BAAQMD	Y		SO2 shall not exceed	None	N	None	NA
	9-1-302			300 ppm (dry)				
SO2	BAAQMD	Y		SO2 shall not exceed	Condition #	P/E	Fuel Oil	Y
S640	9-1-302	<u> </u>		300 ppm (dry)	22356, Part 1		Certification	
SO2	BAAQMD	Υ.		SO2 shall not exceed	Condition #	P/E	Fuel Oil	Y
S650	9-1-302			300 ppm (dry)	22357, Part 1		Certification	
SO2	BAAQMD	Y		SO2 shall not exceed	Condition #	P/E	Fuel Oil	Y
S660	9-1-302			300 ppm (dry)	22336, Part 1		Certification	
SO2	BAAQMD	Y		Sulfur Content of Fuel	None	N	None	NA
	9-1-304			Oil ≤ 0.5 wt%			<u></u>	
SO2	BAAQMD	Y		Sulfur Content of Fuel	Condition #	P/E	Fuel Oil	Y
S640	9-1-304			Oil ≤ 0.5 wt%	22356, Part 1		Certification	
SO2	BAAQMD	Y		Sulfur Content of Fuel	Condition #	P/E	Fuel Oil	Y
S650	9-1-304			Oil ≤ 0.5 wt%	22357, Part 1		Certification	
SO2	BAAQMD	Y		Sulfur Content of Fuel	Condition #	P/E	Fuel Oil	Y
S660	9-1-304			Oil ≤ 0.5 wt%	22336, Part 1		Certification	
SO2	CCR, Title	Y		Sulfur Content of Fuel	None	N	None	NA
	17, Section			Oil ≤ 0.05 wt%				
	93115.5			(CARB Diesel)				
SO2	Condition #	Y		Sulfur Content of Fuel	Condition #	P/E	Fuel Oil	· Y
S640	22356,			Oil ≤ 0.05 wt%	22356, Part I		Certification	
	Part 1	ĺ						
SO2	Condition #	Y		Sulfur Content of Fuel	Condition #	P/E	Fuel Oil	Y
S650	22357,	ļ.		Oil ≤ 0.05 wt%	.22357, Part 1		Certification	
	Part 1							
SO2	Condition #	Y		Sulfur Content of Fuel	Condition #	P/E	Fuel Oil	Y
S660	22336,			Oil ≤ 0.05 wt%	22336, Part 1		Certification	
	Part 1							
SO2	40 CFR	Y		Use diesel fuel that	None	N	N/A	NA
	60.4207(b)			meets 15 ppm sulfur				
				content per 40 CFR			1	
				80.510(b) for nonroad				
				diesel				

Table VII - J S640 through S720 Emergency Generators

			Future		Monitoring	Monitoring	Monitoring	2012-2013
Type of	Citation of	FE	Effective		Requirement	Frequency	Туре	Compliance
Limit	Limit	Y/N_	Date	Limit	Citation	(P/C/N)		status
Emer-	BAAQMD	N		Unlimited Emergency	BAAMQD	P/M	Records	CC
gency	9-8-330.1			Operation	9-8-530			
Emer-	Condition #	N	,	Unlimited Emergency	Condition #	P/M	Records	CC
gency	22356			Operation	22356			
S640	Part 2				Part 6			
Emer-	Condition #	N		Unlimited Emergency	Condition #	P/M	Records	CC
gency	22357			Operation	22357			
S650	Part 2				Part 6			
Emer-	Condition #	N		Unlimited Emergency	Condition #	P/M	Records	CC
gency	22336		,	Operation	22336			
S660	Part 2				Part 6			
Emer-	Condition #	N		Unlimited Emergency	Condition #	P/M	Records	CC
gency	22820			Operation	22820			
S680 S710	Part 2				Part 4			
Emer-	Condition #	N		Unlimited Emergency	Condition #	P/M	Records	CC
gency	22825	į.		Operation	22825		٠	
S690 S700	Part 2				Part 4			
Emer-	Condition #	N		Unlimited Emergency	Condition #	P/M	Records	CC
gency	22850			Operation	22850			
S670	Part 2	\			Part 4			
Reli-	CCR, Title	N		Hours of Reliability	CCR, Title 17,	P/M	Records	CC
ability	17, Section			Related Activities <	Section			
Related	93115.6(b)			50/yr	93115.10(g) &			
Activities	(3)(A)(2)(b)				Condition #			
S640	&			1	22356			
	Condition #				Part 6			
	22356	1						
	Part 2							

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Table VII - J
S640 THROUGH S720 EMERGENCY GENERATORS

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	. Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2012-2013 Compliance status
Reli-	CCR, Title	N		Hours of Reliability	CCR, Title 17,	P/M	Records	CC
ability	17, Section			Related Activities≤	Section			
Related	93115.6(b)			30/yr	93115.10(g) &			
Activities	(3)(A)(1)(b)				Condition #			
S650	&				22357			
	Condition #				Part 6			
	22357						,	
	Part 2							
Reli-	CCR, Title	N		Hours of Reliability	CCR, Title 17,	P/M	Records	CC
ability	17, Section			Related Activities <u></u> ≤	Section			
Related	93115.6(b)			30/yr	93115.10(g) &			
Activities	(3)(A)(1)(b)				Condition #			
S660	&		,		22336			
	Condition #				Part 6			
	22336	İ						
	Part 2						·····	
Reli-	CCR, Title	N		Hours of Reliability	CCR, Title 17,	P/M	Records	CC
ability	17, Section			Related Activities <	Section			
Related	93115.6(b)			50/yr	93115.10(g) &			
Activities	(3)(A)(2)(b)				Condition #			
S670	&				22850 Part 4			
	Condition							
	22850							
	Part 1							CC
Reli-	CCR, Title	N		Hours of Reliability	CCR, Title 17,	P/M	Records	
ability	17, Section			Related Activities <	Section			
Related	93115.6(b)			20/уг	93115.10(g) &			
Activities	(3)(A)(1)(a)				Condition #			
S680	&				22820 Part 4			
S710	Condition							
	22820							
	Part 1		L	<u></u>	I	1	<u> </u>	

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Table VII - J S640 through S720 Emergency Generators

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2012-2013 Compliance status
Reli-	CCR, Title	N		Hours of Reliability	CCR, Title 17,	P/M	Records	CC
ability	17, Section			Related Activities <	Section	:		
Related	93115.6(b)			25/yr	93115.10(g) &			
Activities	(3)(A)(1)(b)				Condition #			
S690	&				22825 Part 4			
S700	Condition					1		į
•	22825			ı				
	Part 1					<u> </u>		

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VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - D

Applicable Limits and Compliance Monitoring Requirements

S14 - HIGH TEMPERATURE HOT WATER GENERATOR

S15 - HIGH TEMPERATURE HOT WATER GENERATOR

S16 – HIGH TEMPERATURE HOT WATER GENERATOR

S17 - HIGH TEMPERATURE HOT WATER GENERATOR

Type of	Citation of	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring	2012-201: Compliant
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	status
NOx (S14	BAAQMD	Y		150 ppmv @ 3%O2,	None	N	None	NA
and S15)	9-7-113.2			dry, 3-hr average				
	SIP							
	9-7-306.1							
со	SIP	Y		400 ppmv @ 3%O2,	None	N	None	NA
	9-7-301.2			dry, 3-hr average				
co	BAAQMD	N		400 ppmv @ 3%O2,	BAAQMD	P/A	Source Test	cc
	9-7-307.5			dry, 3-hr average	9-7-403			
					9-7-506			
СО	SIP	Y		400 ppmv @ 3%O2,	None	N	None	NA
	9-7-305.2			dry, 3-hr average				
со	SIP	Y		400 ppmv @ 3%O2,	None	N	None	NA
	9-7-306.2		ļ	dry, 3-hr average			1	
CO (S14	Condition	Y		50 ppmv @ 3%O2,	None	N	None	NA
and S15)	# 24716,			dry, 3-hr average		1		
	Part 1							
CO (S14	Condition	Y		50 ppmv @ 3%O2,	None	N	None	NA
and S15)	# 24716,			dry, 3-hr average (fuel				
	Part 2	<u> </u>		oil fired)				
CO (S16	Condition	Υ .		50 ppmv @ 3%O2,	Condition #	P/2 years	Source Test	NA
and S17)	# 25080,			dry, 3-hr average	25080, Part 7			,
	Part 5							
Opacity	BAAQMD	Y		Ringelmann 1.0 for <	Condition #	P/1000	Visible	NA
(S14 and	6-1-301			3 minutes in any hour	24716, Part 7	gallons of	Emissions	
S15)	SIP 6-301					Fuel Oil	Check	<u></u>
FP (S14	BAAQMD	Y		0.15 gr/dscf at 6% O2	Condition #	· P/1000	Visible	NA
and S15)	6-1-310.3				24716, Part 7	gallons of	Emissions	
	SIP					Fuel Oil	Check	
	6-310.3	<u> </u>						<u></u>

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S14 - HIGH TEMPERATURE HOT WATER GENERATOR

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S16 - HIGH TEMPERATURE HOT WATER GENERATOR

S17 - HIGH TEMPERATURE HOT WATER GENERATOR

Tuna of	Citation of	FE	Future Effective		Monitoring	Monitoring	N	2012-2013
Type of Limit	Limit	Y/N	Date	Limit	Requirement Citation	Frequency (P/C/N)	Monitoring	Compliance status
		Y	Date			<u> </u>	Туре	
SO2	BAAQMD	Y		GLC ¹ ≤0.5 ppm for 3	None	N	None	NA
	9-1-301			min or ≤0.25 ppm for				
				60 min or ≤0.05 ppm				
	D 4 4 0 1 7 D			for 24 hours				
SO2	BAAQMD	Y		SO2 shall not exceed	None	N	None	NA
	9-1-302			300 ppm (dry)				
SO2	BAAQMD	Y		Sulfur Content of Fuel	Condition #	P/E	Fuel Oil	Y
	9-1-304			Oil ≤ 0.5 wt%	24716, Part 6	<u> </u>	Certification	
Heat	Condition	Y		Natural Gas not to	Condition #	P/M	Records	CC
Input	# 24716,			exceed 4,500,000	24716, Part 4			
(S14 and	Part 3			therms/Consecutive				
S15)				12-months				
Heat	Condition	Y		Natural Gas not to	Condition #	P/M	Records	CC
Input	# 25080,			exceed 1,217,260	25080, Part 3			
(S16)	Part 2			therms/Consecutive				
				12-months				
Heat	Condition	Y		Natural Gas not to	Condition #	P/M	Records	CC
Input	# 25080,			exceed 1,208,390	25080, Part 3			
(S17)	Part 2			therms/Consecutive			,	
				12-months				
Total	Condition	Y		Natural Gas not to	Condition #	P/M	Records	CC
Heat	# 25080,			exceed 1,560	25080, Part 3			
Input	Part 2	ı		therms/hour	,			
(S14								
through								
S17)								